



Indraprastha College for Women

University of Delhi

Course Name:	B.Sc(H)/B.Com(H)/B.A.(Hons.)/B.A. (Prog.)/ BMMMC
Paper Title:	Front End Web Design and Development
Unique Paper Code:	234600008
Semester:	III
Faculty(s):	Dr. Manju Bala
Year:	2026

Work Plan			
Period	Unit No.	Learning Objective	Topics to be Covered
1 st Aug -3 rd Aug	1	Introduction	Introduction to internet and web design.
5 th Aug-10 th Aug	1	Introduction	Basic concepts of web architecture.
12 th Aug-17 th Aug	2	HTML	HTML Introduction to hypertext mark-up language (html), .
19 th Aug-24 th Aug	2	HTML	creating web pages, lists,
26 th Aug-31 st Aug	2	HTML	hyperlinks, tables,
2 nd Sep-7 th Sep	2	HTML	Web Forms, inserting images
9 th Sep-14 th Sep	2	HTML	Frames
16 th Sep-21 st Sep	3	Cascading style sheet (CSS)	Concept of CSS, creating style sheet,
23 rd Sep-28 th Sep	3	Cascading style sheet (CSS)	Importing style sheets, CSS properties, CSS styling (background, text format, controlling fonts),
30 th Sep-5 th Oct	3	Cascading style sheet (CSS)	CSS rules, Style Types, CSS Selectors, .
7 th Oct-12 th Oct	3	Cascading style sheet (CSS)	CSS cascade, working with block elements and objects, working with lists and tables,
14 th Oct-19 th Oct	3	Cascading style sheet (CSS)	CSS id and class, box model (introduction, border properties, padding properties, margin properties)

21 st Oct-26 th Oct	4	Basics of Javascript	Document object model,
28 th Oct-2 nd Nov	MID SEMESTER BREAK		
4 th Nov-9 th Nov	4	Basics of Javascript	data types and variables, functions,
11 th Nov-16 th Nov	4	Basics of Javascript	methods and events, controlling program flow,
18 th Nov-23 rd Nov	4	Basics of Javascript	built-in objects and operators,
25 th Nov-27 th Nov	4	Basics of Javascript	validations.
28 th Nov	DISBERSAL OF CLASSES		

Unit	TOPICS
I	Introduction Introduction: Introduction to internet and web design. Basic concepts of web architecture.
II	HTML Introduction to hypertext mark-up language (html), creating web pages, lists, hyperlinks, tables, web forms, inserting images, frames.
III	Cascading style sheet (CSS) Concept of CSS, creating style sheet, Importing style sheets, CSS properties, CSS styling (background, text format, controlling fonts), CSS rules, Style Types, CSS Selectors, CSS cascade, working with block elements and objects, working with lists and tables, CSS id and class, box model (introduction, border properties, padding properties, margin properties).
IV	Basics of Javascript Document object model, data types and variables, functions, methods and events, controlling program loopoo flow, built-in objects and operators, validations.
S. No.	Name of Authors/Nooks/Publishers
1.	Nixon, R., Learning PHP, MySQL & JavaScript with jQuery, CSS and HTML5, O'Reilly.
2.	Powell, T.A. HTML & CSS: The Complete Reference, 5th edition, Tata McGrawHill.
3.	Duckett, J., JavaScript and JQuery: Interactive Front-End Web Development, Wiley.
4.	Boehm, A., & Ruvalcaba, Z., Murach's HTML5 and CCS, 4th edition, Mike Murach & Associates.

5	Ivan Bayross, Web Enabled Commercial Application Development Using Html, Dhtml, Javascript, Perl CGI, BPB Publications.
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